**WEEKLY REPORT**

For the week beginning 3rd of May 2021

**Important Notes:**

* This report is to be submitted by all interns under Aztech Internship Programme.
* **Due Date: By 6.30pm of every Friday**

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| **Day** | **Daily Work Updates** |
| **Monday** | LMS v3 Redux and backend integration   * Completed refactoring of View page and all its subcomponents to use Redux * Modified "Levels" and "Lights" dropdown selectors to use data from backend API |
| **Tuesday** | LMS v3 Redux and backend integration   * Completed refactoring of Config page and all its subcomponents to use Redux * Minor UI improvements |
| **Wednesday** | LMS v3 Redux and backend integration   * Completed refactoring of all remaining web pages to use Redux, as well as integrated the remaining available data from the API |
| **Thursday** | LMS v3 Redux and backend integration   * Began work on refactoring three.js scene to use Redux, but ran into issue with getting up to date Redux store data from event listeners |
| **Friday** | LMS v3 Redux and backend integration   * Managed to solve the problem found on Thursday, almost completed moving common data to the Redux store. Redux implementation should be complete early next week and able to continue working on the documentation. |

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| B. STUDENT REFLECTION/ FEEDBACK |
| * Most work was moving states that were passed down through many levels of components into the Redux store for easier management and access * Available data from the API integrated * Also worked on utilizing Redux for the three.js scene, mainly to keep track of common data such as UI states and the overall list of lights in the scene, which are used by multiple components. * This setup allows for some callback functions to be moved down the hierarchy else well, reducing the need to pass them through multiple levels. |

**Submitted by:**

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| **Name :** | **Tan Kok Hwee Murphy** |

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| **Date of Report :** | **7/5/2021** |